

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: A8674

Cho-chou KUO, et al.

Appln. No.: Unassigned, CONTINUATION of 09/950,684

Group Art Unit: 1623 (Parent)

Confirmation No.: Not Yet Assigned

Filed: November 18, 2003

Examiner: Kathleen K. FONDA (Parent)

For: CHLAMYDIA OLIGOSACCHARIDES

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form which are all the references of record in parent application No. 09/950,684. Applicant is not submitting duplicate copies of these references but requests that they be listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)). Copies of any cited copending applications, if not previously submitted, are being submitted herewith.

Further in accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of one additional document which is listed on the attached PTO/SB/08 A & B (modified) form and listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of the following listed document is submitted herewith:

**KUO, et al., "Mannose-receptor Positive and Negative Mouse Macrophages Differ in their Susceptibility to Infection by *Chlamydia* Species", *Microbial Pathogenesis*, 2002, vol. 32, pp. 43-48.**

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: November 18, 2003

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Substitution for Form 1449 A & B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number		Unassigned, CONTINUATION . of 09/950,684
				Confirmation Number		Not yet Assigned
				Filing Date		November 18, 2003
				First Named Inventor		Cho-chou KUO
				Art Unit		1623 (Parent)
				Examiner Name		Kathleen K. Fonda (Parent)
Sheet	1	of	1	Attorney Docket Number		A8674

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 5,132,413	A	07-21-1992	AIZAWA, et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		EP	0 677 295	A1	10-18-1995	TONEN CORPORATION	N/A
		WO	95/11704	A1	04-05-1995	TONEN CORPORATION	N/A
		WO	93/05803	A1	01-04-1993	GENETICS INSTITUTE, INC.	N/A

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, Application, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		SWANSON, et al., "Identification of Lectin-binding Proteins in Chlamydia Species", <i>Infection and Immunity</i> , February, 1990, vol. 58, no. 2, pp. 502-507.	N/A
		SWANSON, et al., "Binding of the Glycan of the Major Outer Membrane Protein of <i>Chlamydia Trachomatis</i> to HeLa Cells", <i>Infection and Immunity</i> , January, 1994, vol. 62, no. 1, pp. 24-28.	N/A
		KUO, et al., "An N-linked High-mannose Type Oligosaccharide, Expressed at the Major Outer Membrane Protein Of <i>Chlamydia Trachomatis</i> , Mediates Attachment and Infectivity of the Microorganism to HeLa Cells", <i>J. Clinical Investigation</i> , December, 1996, vol. 98, no. 12, pp. 2813-2818.	N/A
		KUO, et al., "Mannose-receptor Positive and Negative Mouse Macrophages Differ in their Susceptibility to Infection by <i>Chlamydia Species</i> ", <i>Microbial Pathogenesis</i> , 2002, vol. 32, pp. 43-48	N/A

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the Application number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.